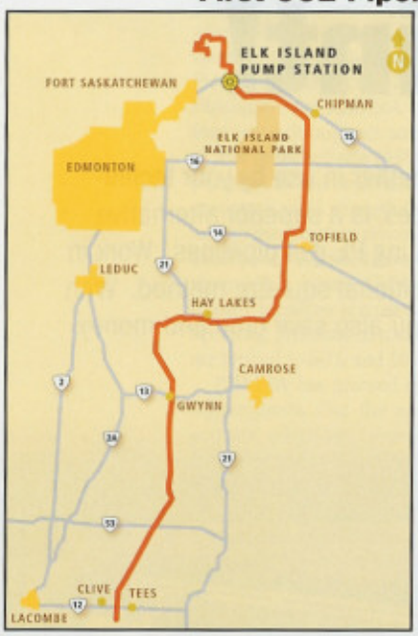
Projects

Company Plans Alberta's First CO2 Pipeline



Enhance Energy plans to be the first company to implement a large scale CO2 enhanced oil recovery and sequestration project in Alberta and build the area's first CO2 pipeline distribution system. The private Alberta-based energy company says the CO2 transmission system will run through the central part of Alberta and be capable of gathering CO2 from several sources and transporting it to existing mature oil fields throughout south-central Alberta.

Enhance officials say these oilfields will see significant increases in production as CO2 is permanently stored in the reservoir.

"Besides the enormous environmental benefits to Alberta, the pipeline system will benefit Albertans through the jobs it will provide and the incremental royalties and taxes it will generate through enhanced oil recovery," said Susan Cole, president of Enhance. "Environmentally, the completed project will be equivalent to taking 1.6 million cars off the road."

Contracts for the design and project management have been awarded to Sunstone Projects Ltd. Other technical and support contracts were awarded to Synergas Technologies Inc. for facilities engineering, Scott Land and Lease as land agent and Worley Parsons for environmental services.

The system will have a design capacity of 25,000 tons/d with the initial throughput planned at 5,000 tons/d. Enhance anticipates regulatory applications for the proposed project to be completed by next spring and depending on regulatory approval, construction is expected by the end of 2009, with operational startup in 2011.

Centurion Receives Commitments For Proposed Pipeline Reversal

Centurion Pipeline has received long-term commitments through a binding open season for its proposed pipeline reversal project that will allow the pipeline to transport heavy crude oil. The new direction for the Centurion pipeline flow will create capacity to transport increasing production of western Canadian heavy crude from Cushing, OK to Slaughter, TX and markets in the West Texas Permian Basin. The Centurion Pipeline reversal project is being designed to transport as much as 60,000 bopd through an existing common carrier, 16-inch, 375-mile crude oil pipeline commonly referred to as the No. 1 Pipeline. The reversed pipeline could be in southwest-bound service as early as late 2009.

Pembina Completes $400 Million Horizon Pipeline

Pembina Pipeline has completed the $400 million Horizon Pipeline that will provide 250,000 bpd of dedicated transportation capacity to Canadian Natural Resources Limited's (CNRL's) Horizon oil sands project.

The project required construction of a 45-mile pipeline connecting to CNRL's oil sands facility. Pembina now has 775,000 bpd of fully contracted synthetic crude oil transportation capacity in three distinct pipelines serving customers in this region.

Pembina's Vice President of Business Development, Mick Dilger, said, "The Horizon Project is representative of the ongoing optimization and build-out of our existing asset portfolio. This model enables Pembina to offer competitive service to customers while realizing attractive returns [illegible] our operating footprint and environmental im[illegible] to employ a similar strategy in the construct[illegible] posed Nipisi and Mitsue Pipelines."

Bakken Pipeline Planned

WBI Holdings, Inc.'s subsidiary, Williston [illegible] Pipeline Co., plans to develop the Bakken Pipe[illegible] natural gas from the rapidly expanding Bakke[illegible] western North Dakota and northeastern Mon[illegible] posed project will require 100 miles of 16-inch[illegible] pression, and associated facilities. The system[illegible] with Williston Basin's existing system in Mo[illegible] ND. It will then extend to the northeast to a n[illegible] with Alliance Pipeline in Bottineau County, N[illegible] is expected to have an initial capacity of 100 [illegible] with the possibility of expanding to 200 MMcf[illegible] is anticipated to begin service in mid-2010.

Work Begins On LNG Project Off Massachusetts

SUEZ LNG NA LLC, a subsidiary of SUEZ [illegible] America Inc., has started construction of its [illegible] project, Neptune, off the coast of Massachus[illegible] phase, expected to be completed next Septe[illegible] installation of a 13-mile subsea pipeline tha[illegible] the Neptune LNG facility with the existing S[illegible] HubLine^{SM}. The second phase, scheduled to [illegible] and continue into September 2009, includes [illegible] the pipeline to HubLine^{SM} and installation of t[illegible] buoys for the project. Upon completion, the LN[illegible] consist of an unloading buoy system where spe[illegible] vessels will moor, offload their natural gas, an[illegible] customers in Massachusetts and throughout Ne[illegible]

Gas Pipeline Planned In U.S. Virgin Islands

The U.S. Virgin Islands may build a pipeline to [illegible] generated power with natural gas brought in from[illegible] in Puerto Rico. *Rigzone* reported that the pipelin[illegible] the recalibration of oil-dependent generators to [illegible] natural gas. As proposed, the project would re[illegible] pipeline to transport natural gas to St. Thomas fro[illegible] Puerto Rican island of Culebra. To cut its own d[illegible] oil, Puerto Rico's state-owned power utility is pla[illegible] investment in natural gas generators, wind, wave a[illegible] of alternative energy, and has reportedly earmark[illegible] dollars for wind power over the next 20 years.

Bechtel Awarded FEED Contract For Australian LNG P

The Queensland Curtis LNG Project has se[illegible] Oil, Gas and Chemicals, Inc. as the project con[illegible] proposed LNG plant near Gladstone in Australia[illegible] an alliance between Queensland Gas Company[illegible] Australia, and BG Group plc, of the UK, will [illegible] seam gas from the Surat Basin in Queensland f[illegible] and international markets.

Under the agreement with Bechtel, front-end[illegible] design (FEED) of the plant will begin immedia[illegible] less transition into procurement and construction[illegible] final investment decision (FID) on the project, s[illegible] early 2010. The plant is being designed with on[illegible] train initially to supply 3-4 million tons/yr of LN[illegible] markets, with potential expansion, via additional[illegible] to 12 million tons/yr that could be added subject[illegible] gas reserves. The Queensland Curtis LNG Proj[illegible] developed to provide an export channel to the LN[illegible]